APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Rapid Examination of Ores and Similar Materials,
A. Neuberger.

GERMAN, per, Arch Eisenhuettenwesen, 1958,
pp 547-552.

CSIRO

Sci - Min/Metals

Jun 60

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Method for Measuring Solution Rate of Corroding Metals in Air-Containing Solutions, by H. J. Engel.

GERMAN, per, Archiv fuer das Eisenhuttenwesen Vol XXIX, No 9, 1958, pp 553-558.

CSIRO

Sci - Min/Met

Apr 62

191,739

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

S-491/164

Recrystallization in Highly Heat-Resistant Materials With a Nickel-Chromium and a Cobalt-Nickel-Chromium Base, by Werner Jellinghaus, Wilhelm Wink, 1788.

GERMAN, per, Archiv fuer Eisenhuttenwesen, Vol XXIX, No 9, 1958, pp 559-566.

*JPRS/SF-3139/SPECIAL

Sci - M/M
Apr 64
May

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Rate of Reduction of Iron Oxide by Hydrogen, by L. von Bogdandy, H. G. Rieke.

GERMAN, per, Archiv Eisenhuttenwesen, Vol XIX, No 10, 1958, pp 603-609.

HB 5191

182,761

Sci-Chem

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Very Large Spectral Apparatus and Its Use in the Examination of Iron and Steel, by G. Graue, et al.
UNCL

GERMAN, per, Arch Eisenhuettenwesen, Oct 1958, pp 619-626.

British Iron and Steel Ind 1212 (L5 10s.0d.)

Sci - Engr
May 59

86,839

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Investigation Into Oxide Inclusions Which Can be Deformed by Hot Rolling and Occur in Rimming Steels, by H. Lansing, H. Malissa. UNCLASSIFIED

[illegible], Ber, Arch Eisenhuettenwesen, Oct 1950, pp 627-629.

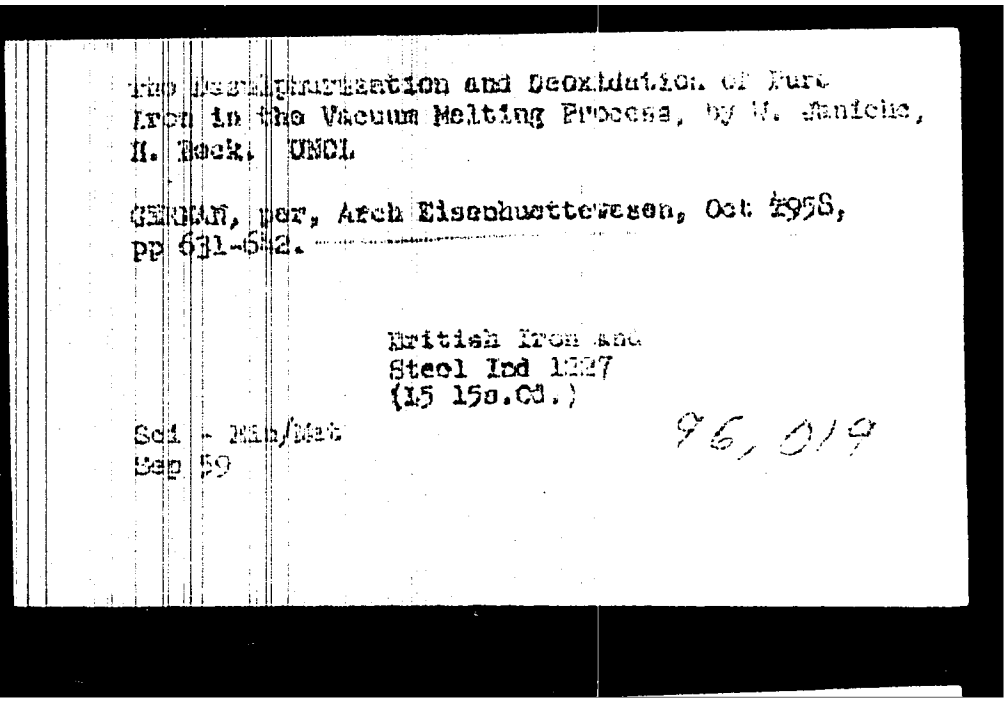
British Iron and Steel Ind 1213 (L3)

Sci - Minerals/Metals
May 59

85,784

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8



The Decarburization and Deoxidation of Pure Iron in the Vacuum Melting Process, by W. Danicke, H. Beck, UNCL

GERMAN, per, Arch Eisenhuttenwesen, Oct 1958, pp 631-642.

British Iron and Steel Ind 1227 (15 15a.Cd.)

Sci - Min/Met
Sep 59

96,019

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Oxygen and Strain Ageing of Pure Iron, by W. Janiche, H. Beck.

GERMAN, per, Archive Eisenhuttenwesen, Vol XXIX, No 10, 1958, pp 643-651.

SLA 60-14214

Sci

Oct 60

129,720

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Rapid Method for the Determination of Lead in Free Cutting Steel, by S. Meyer, A. G. Koch.

GERMAN, per, Archiv fuer Eisenhuttenwesen, Vol XXIX, 11 Nov 1958, pp 677-682.

BISI 1854

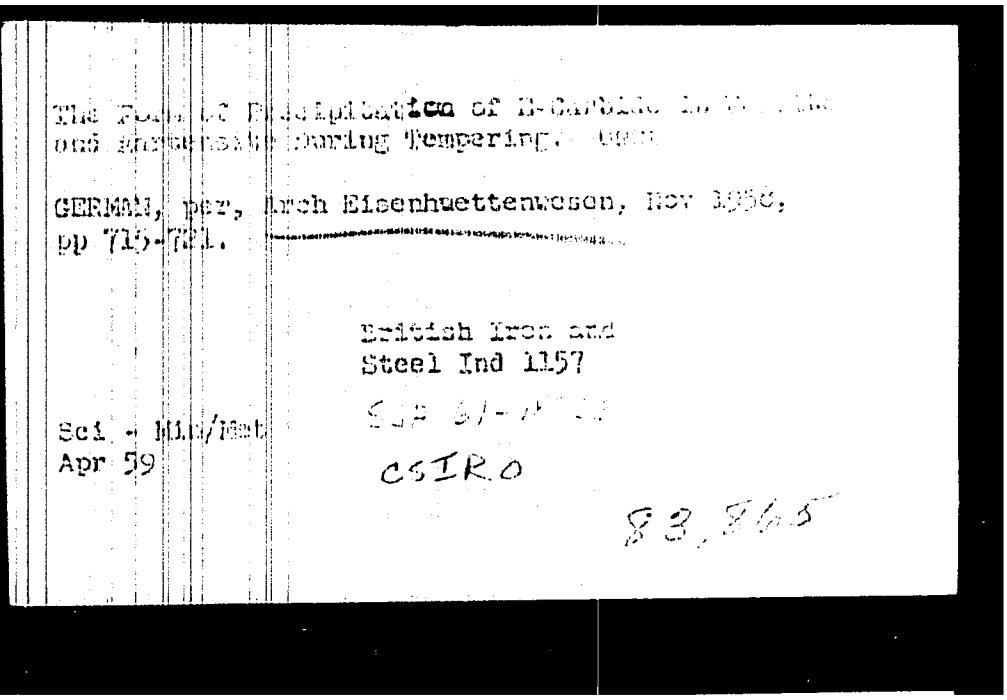
Sci - Min/Met

Jul 61

161,042

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8



The Formation of M-Carbide in [illegible]
and Its Behaviour During Tempering. [illegible]

GERMAN, per, Arch Eisenhuettenwesen, Nov 1956,
pp 715-721.

British Iron and
Steel Ind 1157

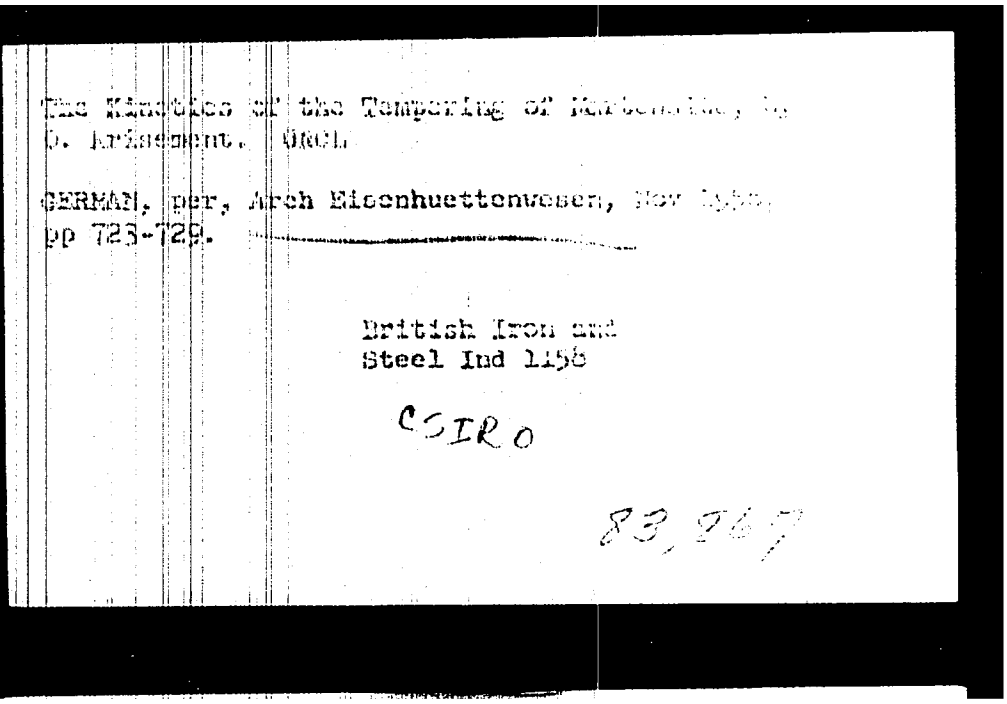
Sci - Min/Met
Apr 59

CSIR.O

83,365

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8



The Kinetics of the Tempering of Martensite, by
D. Arimenont. (Ger.)

GERMAN, per, Arch Eisenhuettenwesen, Nov 1956,
pp 723-729.

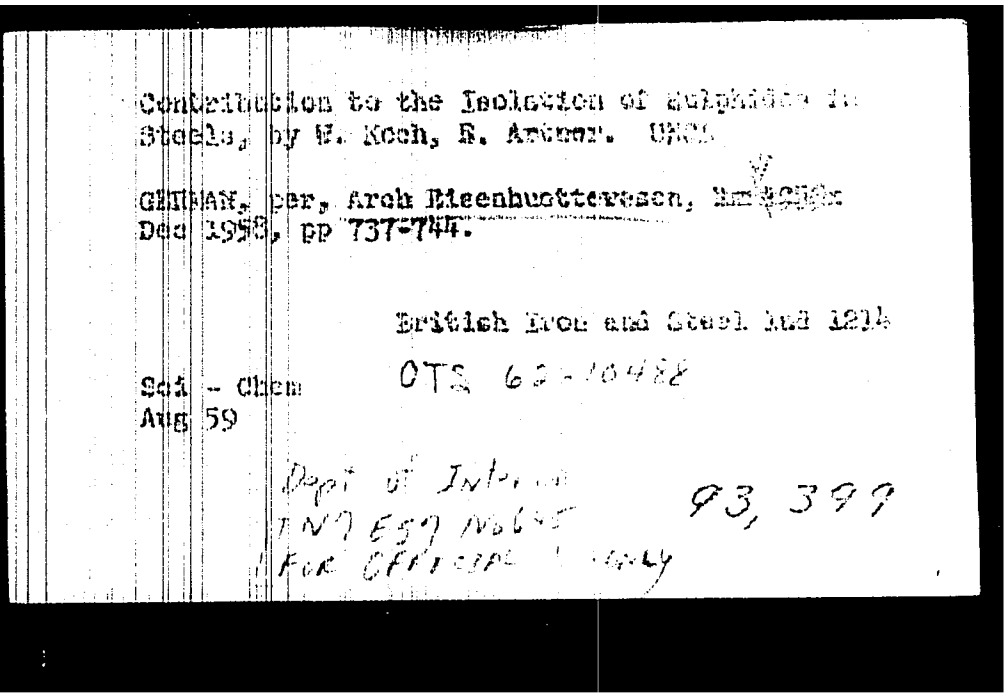
British Iron and
Steel Ind 1156

CSIRO

83,967

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8



Contribution to the Isolation of sulphides in Steels, by W. Koch, E. Antony. UKAE

GERMAN, per, Arch Eisenhuettenwesen, Jun 1958
Dec 1958, pp 737-744.

British Iron and Steel Inst 121k

Sci - Chem
Aug 59

OTS 62-10488

Dept of Int.
INT ESY Wash
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93, 397

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

The Coulometric Determination of Oxygen in Steel by the Molten-Extraction Technique in a Stream of Argon, by Karl Abrecht, Helmut Lemm,

GERMAN, per, Arch Eisenhuttenw, Vol XXX, 1959, pp 1-6.

AEC Tr-3962

Sci - Chem

Apr 60

115,073

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

The Breakdown of Wustite in the Scale Layers of Iron Testpieces, by W. A. Fischer, A. Hoffmann.

GERMAN, per, Archiv fuer Eisenhuttenwesen, Vol XXX, Jan 1959, pp 15-20.

BISI 2432

Sci - Min/Metals

Mar 62

list 119

186,951

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

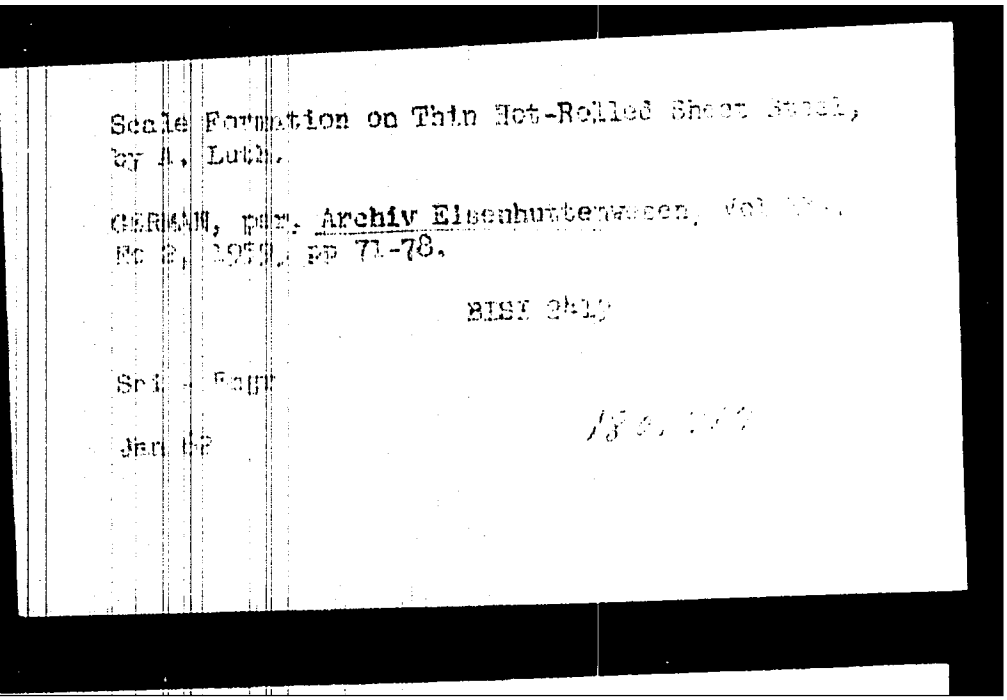
APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Self-Diffusion in Pure Cr, by H.W. Paxton, et al, 6 pp.
GERMAN, per, Archiv fur Das Eisenhutten-wessen, 30, 1959, pp. 55-60.
*CFSTI TT 70-58093
AVAILABLE FROM NBS ONLY

Sci/Chem
Apr 70

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8



Scale Formation on Thin Hot-Rolled Sheet Steel,
by A. Lutz.

GERMAN, pub. Archiv Eisenhuttenwesen, Vol [illegible],
No 2, 1959, pp 71-78.

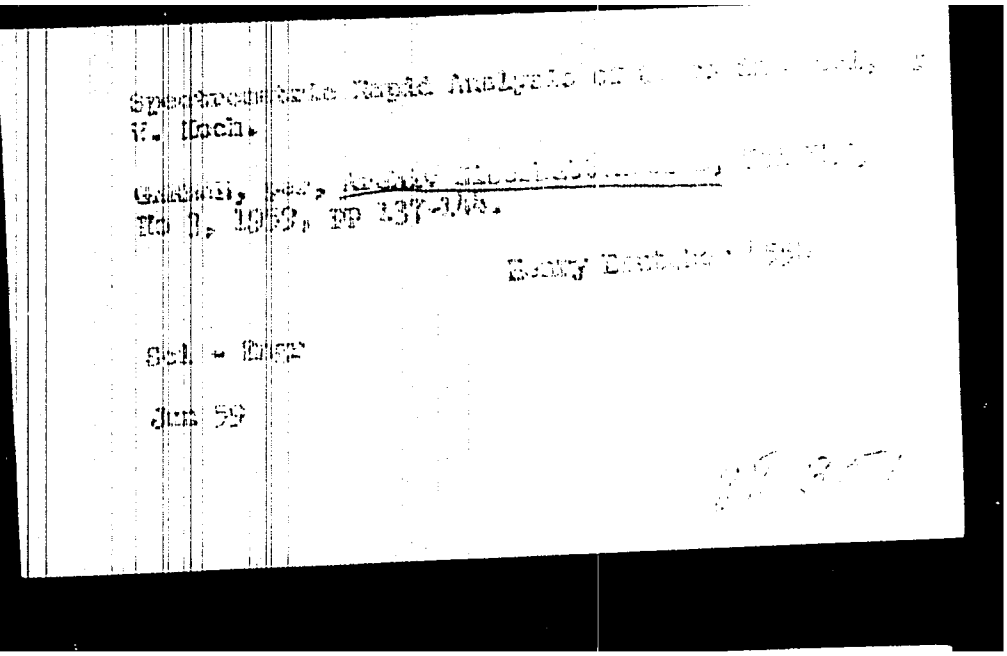
BISI 2811

Sri - Engr

Jan 60

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8



APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

On H. M. Schmadt's Hypothesis Concerning the Strength of Metals, by A. Krisch.

GERMAN, per, Archiv fur Das Eisenhuttenwesen, No 3, 1959, pp 169-185.

CSIRO

Sci - Min/Met
Aug 62

207,427

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Behavior of Iron Ores During Sintering. Part I,
by W. vor dem Esche, O. Steinhauer.

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXX,
No 4, 1959, pp 187-195.

HB 4697

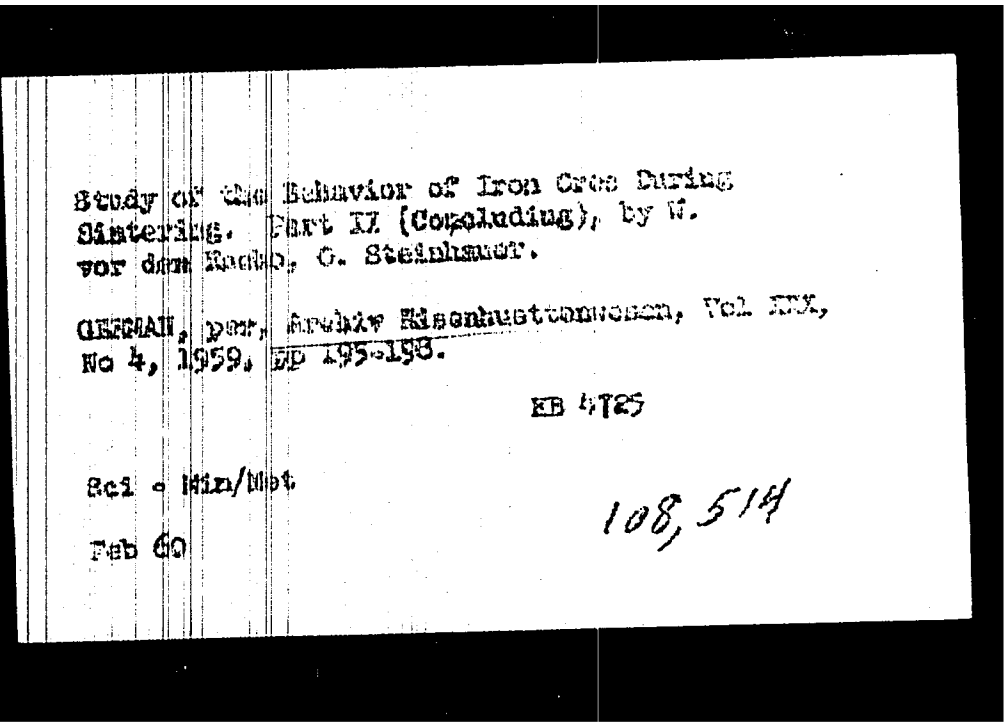
Sci - Min/Met

Jan 60

106,209

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8



Study of the Behavior of Iron Ores During Sintering. Part IV (Concluding), by W. von dem Hagen, O. Steinhauer.

GERMAN, per, Archiv Eisenhuettenwesen, Vol XXX, No 4, 1959, pp 195-198.

EB 4725

Sci - Min/Met

Feb 60

108,514

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Examination of Basic Slag Crystals, by Troemel, Zaminer. UNCL

GERMAN, per, Arch Eisenhuettenwesen, Apr 1959, pp 205-209.

BISI 1355
(L3.10.0)

Sci - Min/Met
Oct 59

98,626

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Mathematical Description of the Orientation Relationships Between Martensite and Austenite in Iron-Nickel-Crystals, by Kochendorfer, Otto. UNCL

GERMAN, per, Arch Eisenhuettenwesen, Apr 1959, pp 227-232.

British Iron and Steel Ind
E 1357
(not included in BISI Tr Sv unless
2 or more tr's are requested).

Ssi - Min/Met
59

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Crack Formation in Steels Under the [illegible]
Aqueous Hydrogen Sulphide Solutions, by K. H.
Kaesche, N. Darius. UNCL

CHEMZA, ges; Arch Eisenhuttenwesen, Apr 1959,
pp 233-238.

British Iron and
Steel Ind 1373
(L4 15s.0d.)

Sel - Min/Met: Chem
Sep 59

96, 930

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Etude de la Corrosion Localisee Produite par l'Acide Sulfurique Contenant des Ions Chlore sur des E ectrodes Passives en Acier Non Allie, by H. J." Engell, N. D. Stolica, 53 pp.

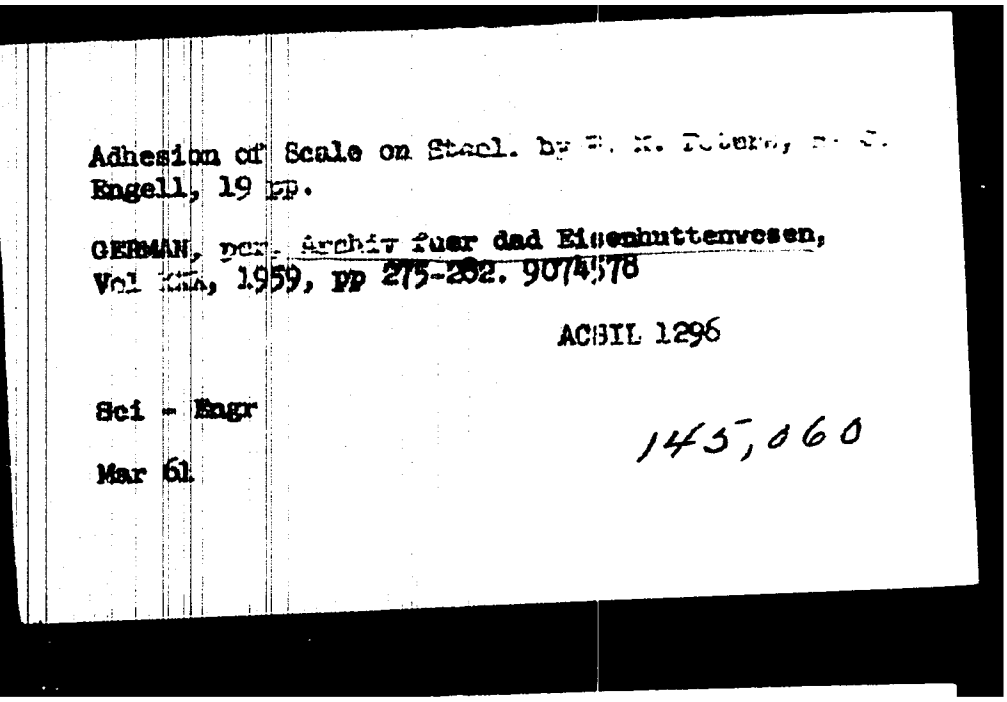
GERMAN to FRENCH, per, Archiv Eisenhuttenwes. Vol XXX, No 4, 1959, pp 239-248. 920999

Reverse Translation
CEA-A-1313

Sci
Aug
AEH 63

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8



Adhesion of Scale on Steel. by [illegible], Dr. C. Engell, 19 pp.

GERMAN, pcr. Archiv fuer das Eisenhuttenwesen, Vol [illegible], 1959, pp 275-282. 9074578

ACBIL 1296

Sci - Engr

Mar 61

145,060

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

The Significance of the Corrosion Processes in Aqueous Hydrogen Sulphide Solutions for the Formation of Cracks in Steels, by F. X. Naumann, W. Carius. UNCL

GERMAN, per, Arch Eisenhuettenwesen, May 1959, pp 283-292.

British Iron and Steel Ind 1390 (16 5s.0d.)

Sci . Chem Sep 59

96,035

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Investigations on the Intercrystalline Corrosion of Austenitic Chromium-Nickel Steels After Prolonged Stressing Between 450° and 800°C, by H. J. Wiester, G. Pier.

GERMAN, per, Archiv Eisenhuttenwesen, May 1959, pp 293-297.

BISI 1904

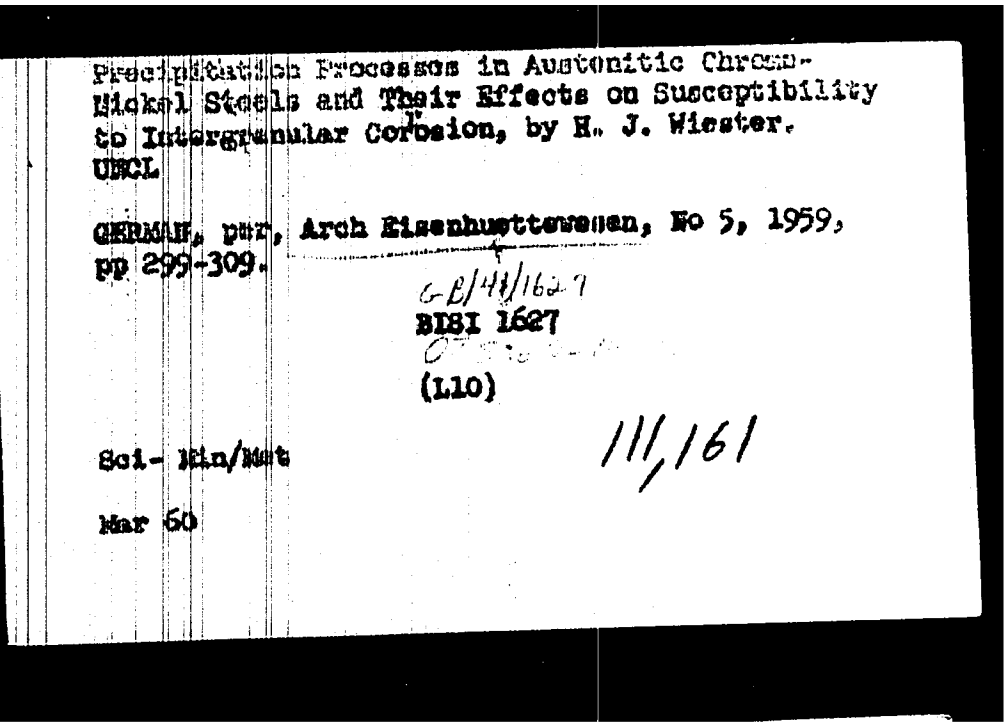
*TIL T 5150 141,412

Sci - Chem

Feb 61

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8



Precipitation Processes in Austenitic Chrom-
Nickel Steels and Their Effects on Susceptibility
to Intergranular Corrosion, by H. J. Wiester.
UNCL

GERMAN, per, Arch Eisenhuttenwesen, No 5, 1959,
pp 299-309.

GB/41/1627
BISI 1627
(L10)

111/161

Sci- Min/Met

Mar 60

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

On the Determination of the Tensile Strength of Tubes in Ring Tensile Tests, by C. Kravcenko.
UNCL

GERMAN, per, Arch Eisenhuettenwesen, May 1958, pp 311-314.

British Iron and Steel Ind 1389
(L3)

96,034

Sci - Engr
Sep 59

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Determination and Separation of the Carbon Monoxide Decomposition, the Hydrate Water and Carbonate Decompositions and the Hydrogen Gas Reaction During Reduction Experiments on Iron Ores and Sinters, by E. Schurmann, et al.
UNCL

GERMAN, per, Arch Eisenhuettenwesen, Jun 1959, pp 321-327.

MT 20

BISI 1453

(L5 10s.0d.) 98,729

Sci - Chem
Oct 59

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

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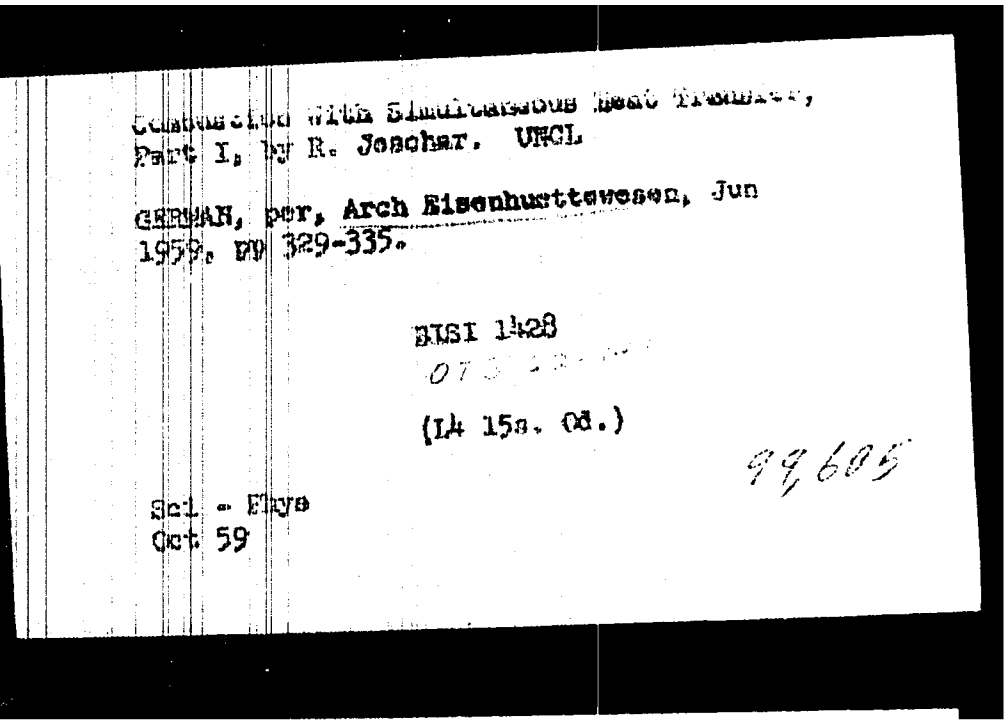


Combustion with Simultaneous Heat Transfer,
Part I, by R. Joschar. UNCL

GERMAN, per, Arch Eisenhuttenwesen, Jun
1959. pp 329-335.

BISI 1428

(14 15a. 0d.)

97605

Sci - Engr
Oct 59

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

The Appearance of Fractures of Tubular Test Pieces
Under Thermal Treatment, by A. Brinch. (USSR)

GERM. pat. Arch Eisenhüttenwesen, Vol XXX, Jun
1959, pp 337-344.

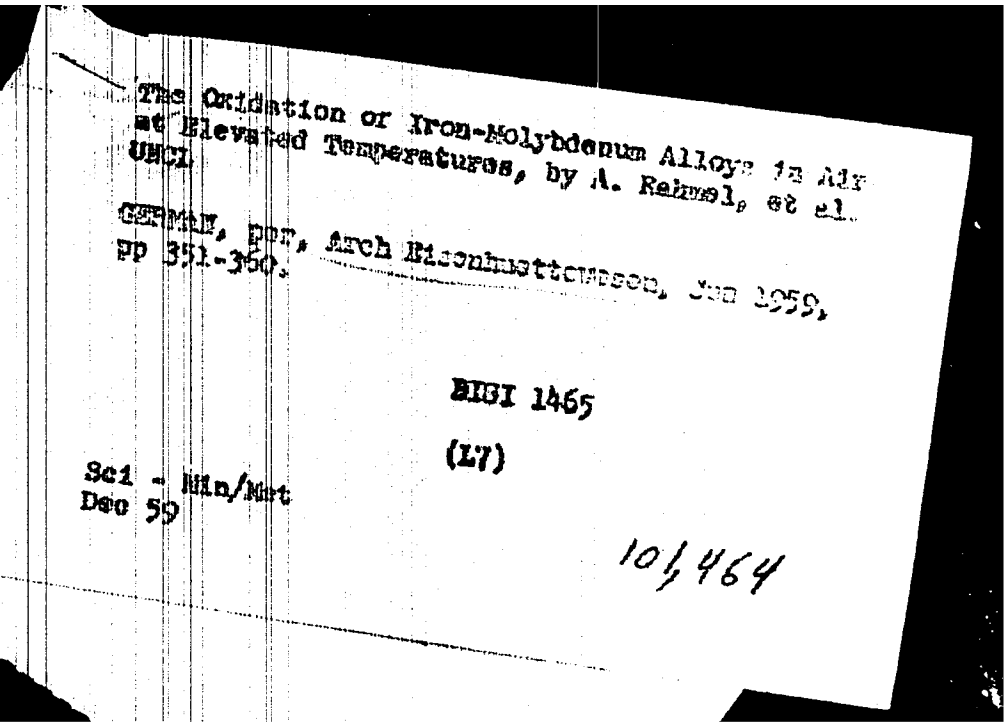
BISI 1414
OTS 6[illegible]
(L5.5.0)

Sci - Engr
Oct 59

97,929

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8



The Oxidation of Iron-Molybdenum Alloys in Air at Elevated Temperatures, by A. Reinol, et al.

UNCL

GERMAN, ppr, Arch Eisenhuttenwes, Jun 1959, pp 351-360.

BISI 1465

(L7)

Sci - Min/Met
Dec 59

101,464

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

The Absorption of Hydrogen From Aqueous Hydrogen Sulphide Solutions by Steel and the Formation of Cracks of Steel in Tension. III. Discussion, by E. K. Naumann, W. Carius. UNCL

GERMAN, per, Arch Eisenhuettenwesen, Jun 1959, pp 361-379.

OTS 60-10923
BISI 1413

(L7)

98,725

Sci - Chem; Min/met
Oct 59

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Speedy Method of Determining the Basicity of Siemens-Martin Slag, by H./Ende, F. von Dardenheuer

GERMAN, per, Arch Eisenhuettenwesen, Jul 1959. pp 391-397.

CSIRO

Sci - Min/Metals

Jun 60

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Combustion With Simultaneous Heat Transfer, Part II,
by H. Hausen, R. Jeschar. UNCL

GERMAN, pmgz por, Arch Eisenhuettenwesen, Jul 1959,
pp 397-406.

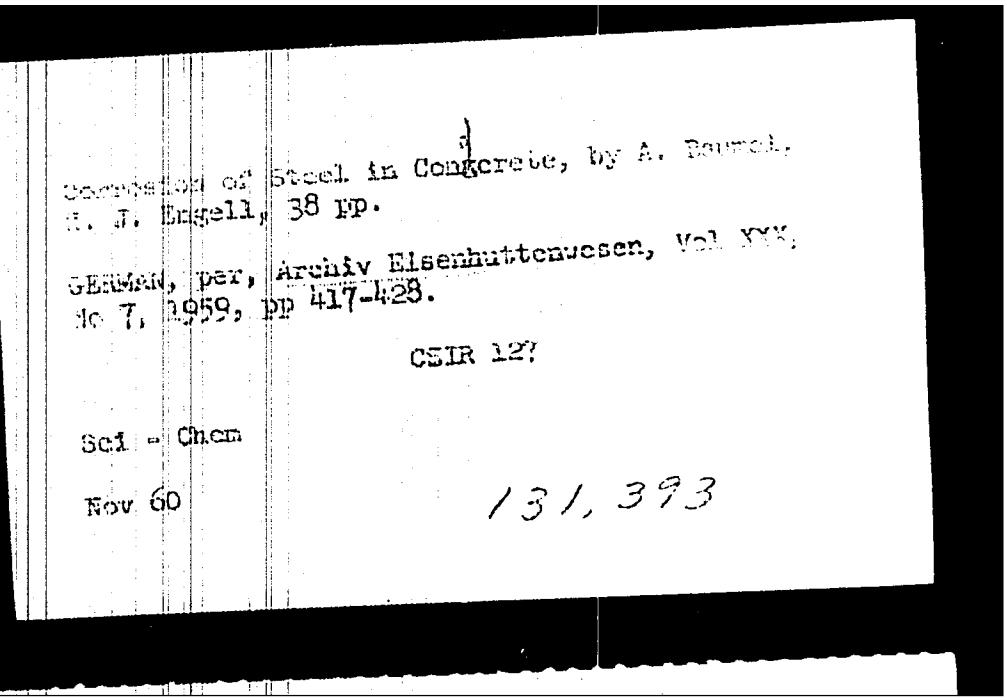
BISI 1429
(16 10s.Cd.)

Sci - Phys
Nov 59

100,482

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8



Corrosion of Steel in Concrete, by A. Baumel, H. J. Engell, 38 pp.

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXX, No 7, 1959, pp 417-428.

CSIR 127

Sci - Chem

Nov 60

131,393

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Investigations of the Ternary System
Iron-Molybdenum-Oxygen, by W. Jaeger. 23 p.
GERMAN, per, Archiv fuer das Eisenhuettenwesen,
Vol 30, No 7, 1959, pp 435-439.
SLA TT-66-10428

Sci-M&M
Jul 66

306,060

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Trömel, Gerhard and Fritze, Hans Werner.
EQUILIBRIA BETWEEN IRON AND LIME-CONTAINING PHOSPHATE SLAGS. [1960] 26p. 18 refs.
Order from SLA $2.60 62-14564

Trans. of Archiv für das Eisenhüttenwesen (West Germany) 1959, v. 30, no. 8, p. 461-472 (Max Planck Institut für Eisenforschung (West Germany). [Communication]-822).
Another trans. is available from BISI $ 7 as BISI-1462 [1960].

DESCRIPTORS: *Iron, Calcium compounds, Oxides, Phosphates. *Slags, Phase studies, crucibles, Temperature, Tests, Oxygen, Phosphorus, Reduction, Melting.

For contents list see Technical Translations 3: 451, 1960.

(Metallurgy, TT, v. 8, no. 5)

62-14564

I. Trömel, G.
II. Fritze, H. W.
III. Max. . . Communication-822

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Contribution to the Reduction Behaviour of Several Oxides and Oxygen Compounds in Fractional hot Vacuum Extraction in a Carbon Crucible, by H. Schenck, K-D. Unger.
GERMAN, per, Arch. Eisenh. Vol 30, Sep. 1959, pp 549-522.
BISI 1523

Sci/MGH
Aug 65

288,725

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Reduction of Iron Oxides, With Special Reference to Wustite, by O. Knacke.

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXX, No 10, 1959, pp 581-584.

HB 4802

147,461

Sci - Chem

Apr 61

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Schenck, Hermann and Spieker, Walter.
THE DISTRIBUTION OF COPPER AND TIN BETWEEN MOLTEN IRON AND LEAD AND THE EFFECT OF OTHER ELEMENTS ON IT. [1960] [23]p. 20 refs.
Order from SLA $2.60 62-14198

Trans. of Archiv f[ür] d[as] Eisenhüttenwesen (West Germany) 1959, v. 30, no. 11, p. 641-648.

DESCRIPTORS: *Copper, *Tin, Separation, *Iron, *Lead, Activity coefficient, Liquid metals, Distribution, Alloys, Temperature.

The requirements for the removal of copper and tin from liquid iron are discussed. The equilibrium relations, with the assistance of the characteristic distribution figures L_{Cu} and L_{Sn} and their alteration by additional elements, permitted the coefficients of ac- (over)
(Metallurgy, TT, v. 8, no. 6)

62-14198

I. Schenck, H.
II. Spieker, W.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Diffusion et Permeabilite de l'Hydrogene a Travers le fer pur et l'Acier dans le Domaine des Temperatures Elevees, by H. Schenck, H. Taxhet, 32 pp.

GERMAN to FRENCH, per, Archiv Eisenhuttenwessen, Vol XXX, No 11, 1959, pp 661-671. 9069364

CEA A-1068
Reverse Translation

Sci
Dec 62

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Rate of Oxygen Removal in the Reduction of Iron Ores by a Mixture of Carbon Monoxide, Hydrogen and Nitrogen, by E. Schurmann, et al.

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXXI, No 9, 1960, pp 509-519.

HB 4921

Sci - Chem

Apr 61

147,485

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

The Effect of the Degree of Stabilization on the Precipitation Processes in Austenitic Chromium-Nickel and Chromium-Nickel-Molybdenum Steels Containing Niobium, by K. Bungardt, et al.
UNCL

GERMAN, per, Arch Eisenhuettenwesen, Jul 1959, pp 429-434.

BISI 1438

(L4 10s.0d.)

103,070

Sci - Min/Met
Dec 59

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

The Polygonization and Recrystallization Behaviour of Pure Iron With a View to the Production of Single Crystals, by A. Kochendorfer.

GERMAN, per. Archiv fuer das Eisenhuttenwesen, Vol XXX, No 7, 1959, pp 441-445.

CSIRO

Sci - Min/Met
Aug 62

207,362

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Equilibria of Carbon and Oxygen in Liquid Iron and the Effect of Low Silicon Contents Upon the Equilibria, by E. Schenck, H. H. Gordon. UKCL.

GERMAN, per, Arch Eisenhuettenwesen, Aug 1959, pp 453-460.

BISI 1461
(L5.15s.Cd.)

119 a 73

Sel - Min/Met
Mar 60

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Equilibria Between Iron and Lime-Containing Phosphate Slags, by G. Troemel, H. W. Fritze.
UNCL

GERMAN, per, Arch Eisenhuettenwesen, Aug 1959, pp 461-472.

BISI 1462

(L7)

Sol - Min/Met
Feb 60

109,420

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Development and Application of a Heat Radiation Measuring Instrument for the Analytical Evaluation of Temperature Conditions, by U. Pleger.[illegible]

GERMAN, por, Arch Eisenhuettenwesen, Aug 1959, pp 473-476.

BISI 1463

(L3 5s.Od.)

10/459

Sci - Engr
Dec 59

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Fundamental Principles on the Digital Presentation and Processing of Data With Special References to Computers, by R. Wartmann.

GERMAN, per, Archiv Eisenhuttenwesen, Aug 1959, pp 513-518.

BISI 1464

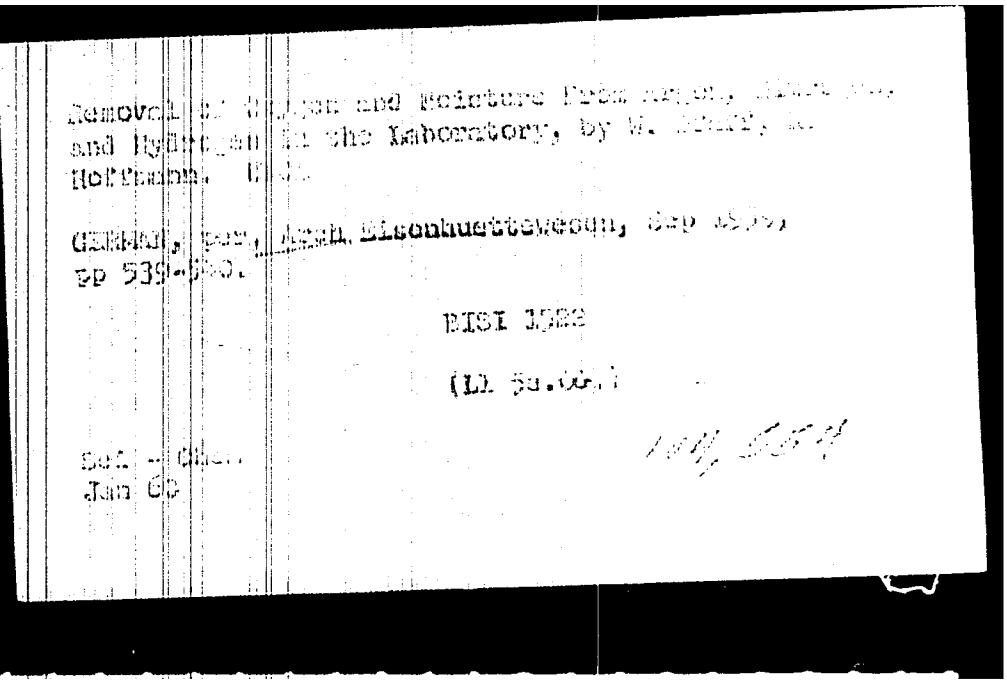
Sci - Engr

Aug 60

122,437

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8



Removal of Oxygen and Moisture from [illegible]
and Hydrogen in the Laboratory, by W. [illegible]
Hoffmann. D.

(GERMAN) [illegible] Leuchtstoffe, Sep 1939,
pp 539-550.

BISI 3282

(L. Su.We.)

Sul -- Chem.
Jan 60

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Elimination au laboratoire de l'oxygene et de l'humidite de l'argon, de l'azote et de l'hydrogene, by W. Pfaff, K. Hoffmann, 6 pp. GERMAN to FRENCH, per, Arch fuer Eisenhuttenwes, Vol XXX, No 9, 1959, pp 539-540. 9222335

Reverse Translation
CEA-A-1513

Sci
Jun 64

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Contribution to the Reduction Behaviour of Several Oxides and Oxide Compounds at the Fractionated Hot Vacuum Extraction in a Carbon Crucible, by H. Schenck, K. D. Unger. UNCL

GERMAN, per, Arch Eisenhuettenwesen, Sep 1959, pp 549-552.

BLSI 1523

(L3) 109/11

Sci - Chem
Mar 60

Translation
CEA-A-1380 (92147?1)

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

The Displacement of the Non-Variance Point Between Iron, Wuestite, Magnetite and Oxygen in the System Iron-Oxygen by Alloying Elements or Foreign Oxides. Effects on the Behaviour of Iron Alloys in Scaling, by E. Braums, et al. UNCL

GERMAN, per, Arch Eisenhuettenwesen, No 9, 1959, pp 553-564.

BISI 1551

(18.15a.01.) 110,284

Sc1 - Min/Met

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

The Volatilisation of Iron (II, III) Oxide, Manganese (II, III) Oxide and Chromium (II, III) Oxide, by H. von Wartenberg.

GERMAN, per, Archiv Eisenhuttenwesen, Oct 1959, pp 585-587.

BISI 1554

Sci - Chem

Aug 60

124,033

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Methods of Operation, and Practical Experiences in the Automatic Spectrographic Analysis of Steel and Pig Iron, by P. Moeller. UNCL

GERMAN, per, Arch Eisenhuttenwesen, No 10, 1959.
pp 587-593.

BISI 1604

(L4, 5s.04.)

Sci - Engr; Phys

Mar 60

110, 569

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Contribution to the Determination of Water in Metallurgical Slags, by K.H. Obst; H. Malissa.
GERMAN, per. Archiv fur das Eisenhuttenwesen, 1959, 30, Oct., 601-603.
*BISI 3987

Sci/Met & Mat
Mar 65

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Development of a Metallographic Etching Pattern Taking Into Account the Electrolytically Dissolved Quantity of Metal, by E. Kunze, E. Morn.

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXX, Oct 1959, pp 613-619.

BISI 1971

Sci - Min/Met

May 61

148,123

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

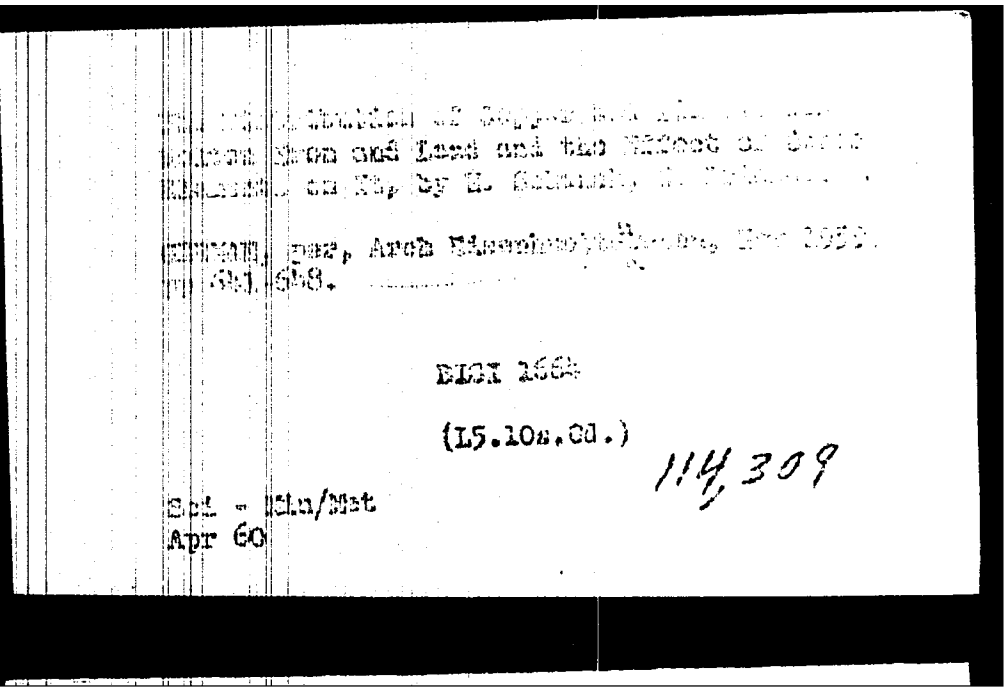
Influence of Manganese and Silicon on the Diffusion of Carbon in Austenite, by W. Steiner, O. Krisement. GERMAN, per, Archiv fuer Eisenhuttenwesen, Vol XXX, No 10, 1959, pp 637-640.
BISI 3559

Sci - Chem
Apr 64

255,163

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8



DIA 2668

(L5.10a.Cd.)

114,309

Cpl - Mln/Mst
Apr 60

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Experience With Direct Reading Spectrographs
the Iron and Steelworks Laboratory.
by H. Hilderbrand, W. Diehl.

[illegible], par, Archiv Eisenhuttenwesen,
Nov 1959, pp 659, 660.

BISI 2254

Sol - Electron

155932

Jun 61

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Diffusion and Passage of Hydrogen in Pure Iron and Steel at Higher Temperatures, by Hermann Schenck. GOVERNMENT USE ONLY GERMAN, per, Arch Eisenh, Vol 30, No 11, 1959, pp 661-671.
NASA TT F-12,120

Sci-Chem
Aug 69

388,718

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Ultrasonic Determination of the Size of Defects, by J. Krautkramer.

GERMAN, per, Archiv Eisenhuttenwesen, Nov 1959, pp 693-703.

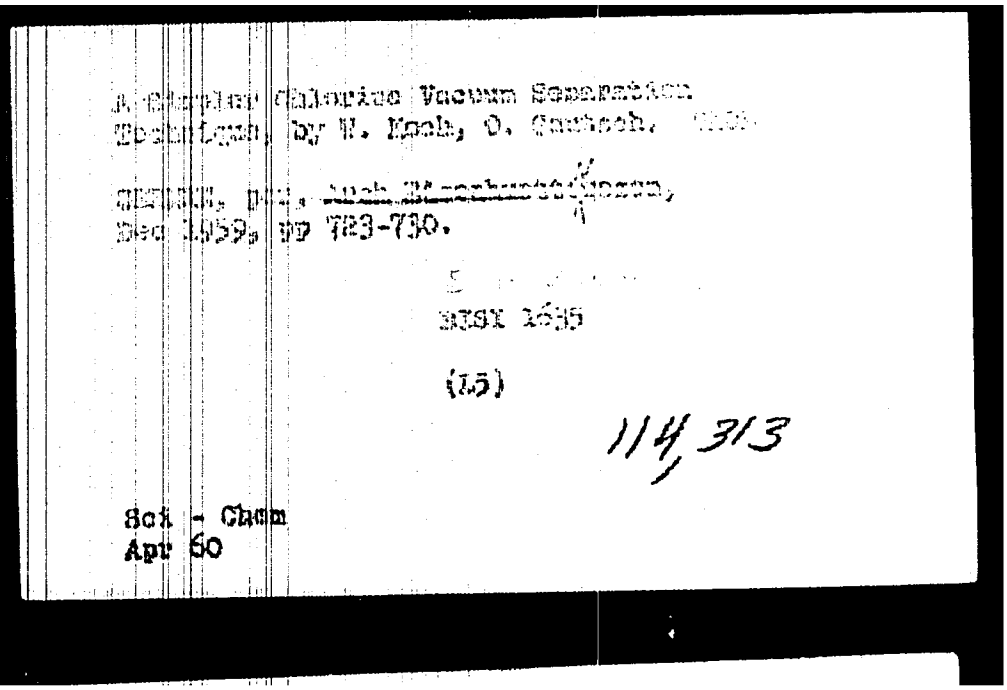
BISI 1566

Sci - Phys

Oct 60

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8



A Simplified Chromium Vacuum Separation
Described by W. Koch, O. Sachsse.

Chem. Ing. Tech. Wissenschaft,
Ber. 1959, pp 723-730.

BTSX 3635

(25)

114,313

Sci - Chem
Apr 60

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Organic Solvents in Flame Spectrometry. By
A. Pfenschal, S. Eckhard. UKCL

GERMAN, per, Arch fuer das Eisenhuettenwesen,
No 12, 1959, pp 731-735.

BISI 1636

(L3 10s. 0d.)

Sol - Chem; Phys

Mar 60

111,157

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

The Effect of Small Boron Additions Unalloyed Steels With 0.1 to 0.4% C, by H.-K. Gorlich, G. Stein.

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXX, Dec 1959, pp 737-742.

BISI 3240

Sci - M/M
Jul 63

235,711

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Possibility of Coexistence of Stress Corrosion and Pitting Corrosion in Mild Steels, by W. Radeker. UNCL

GERMAN, ptr, Arch Eisenhuettenwesen, No 12, 1959, pp 747-750.

BISI 1637

(12.10s.0d.)

111,150

Sci - Min/Met

Mar 60

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

The Decarburization of Tungsten Carbide by Nickel Hydrogen, by H. J. Roosa.

GERMAN, ppar, Archiv fur das Eisenhuttenwesen No 12, 1959, pp 761-764.

Brohon Hill Prop Co Ltd
(CRL/T 303)

175, 734

Sci - Chem
Dec 61

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Metallurgy of Iron in High Vacuum, by W. A. Fischer.

GERMAN, per, Archiv fuer das Eisenhuttenwesen, Vol XXXI, No 1, 1960, pp 1-9.

HB 4792

118,417

Sci - Min/Met

Jun 60

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

The Sulphur Equilibrium Between Carbon-Saturated Hot Metal and Lime-Silica Slags, by H. Schenck, et al.

GERMAN, per, Archiv Eisenhuttenwesen, Jan 1960, pp 11-17.

BISI 1641

SLA 62-1689 / 22,437

Sci - Min/Met

Aug 60

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Effect of Low Temperatures on the Strength of Eleven Plain Carbon Steels (Up to 0.12% C) Under Bi-Axial Stressing, by A. Krisch. UNCL

GERMAN, per, Arch Eisenhuettenwesen, Jan 1960, pp 19-24.

OTS 62-14
BISI 1658

(L3.15a.Od.)

115,645

Sci - Min/Met
May 60

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

On the Accuracy of Data Obtained by Vickers Hardness Tests at Varying Test Conditions, by A. von den Steinen, W. Schmidt, 31 pp.

GERMAN, per, Archiv fur das Eisenhuttenwesen, Vol XXXI, No 1, 1960, pp 25-32.

SLA 60-18906

Sci

Apr 61

146,116

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Studies of the Quench-Ageing of Mild Steels From Various Methods of Production, by M. Hencken, W. Heller.

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXXI, Jan 1960, pp 39-46.

BISI 2053

156863

Sol - Min/Met

Jun 61

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

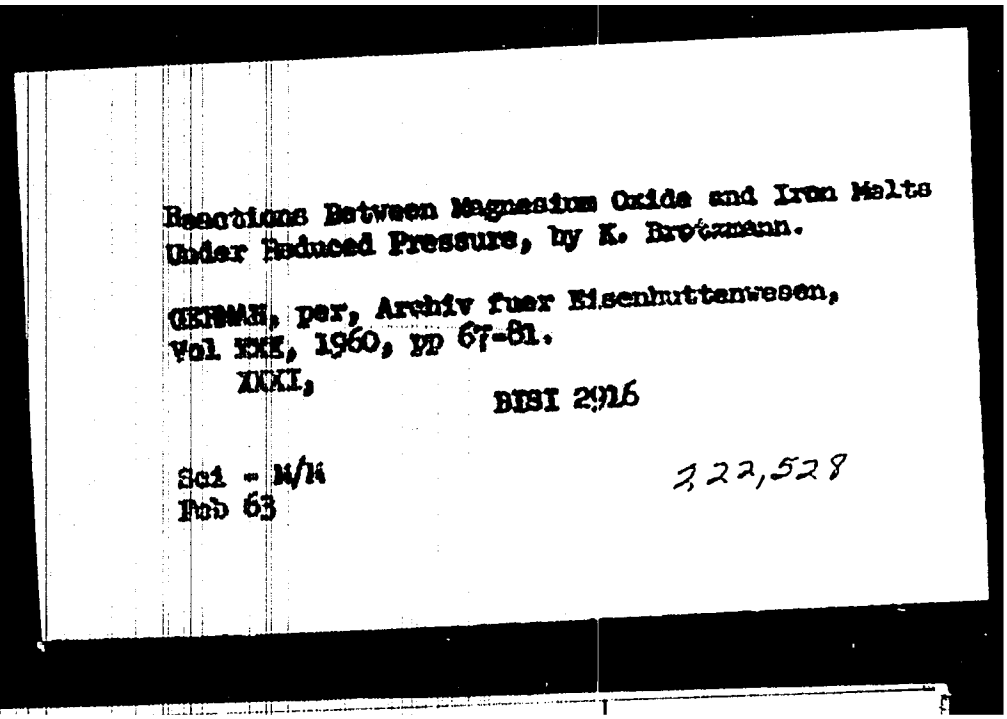
APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Oxidation of Heat-Resistant Steels: Influence of Alkali Sulphate Deposits When Traces of Sulphur (VI) Oxide are Simultaneously Present in the Furnace Gases, by A. Rahmel.
EUROPEAN, per, Archiv fur das Eisenhuttenwesen, Vol 31, Jan 1960, pp 59-65.
BISI Trans 1659
OTS 62-16964

Jan 72

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8



Reactions Between Magnesium Oxide and Iron Melts Under Reduced Pressure, by K. Brotzmann.

GERMAN, per, Archiv fuer Eisenhuttenwesen, Vol XXX, 1960, pp 67-81.
XXXI,

BISI 2916

Sci - M/M
Feb 63

322,528

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Plöger, Ulrich.
DETERMINATION OF SURFACE TEMPERATURES BY MEANS OF INFRARED PHOTOGRAPHS (Ermittlung von Oberflächentemperaturen mit Infrarotaufnahmen). [1961] [16]p. (foreign text included) 1 ref.
Order from SLA $1.60

61-10546
63-11426

Trans. of Archiv für das Eisenhüttenwesen (West Germany) 1960, v. 31, no. 2, p. 87-90.

DESCRIPTORS: *Open hearth furnaces, Roofs, Surface temperatures, Determination, *Infrared photography.

The manner in which the method of infrared photography can be usefully applied under operating conditions is described by means of the example of the determination of the temperature field in the roofs of Siemens-Martin furnaces. It permits the determination even of extensive temperature fields by a single operation and allows deductions with respect to the wear of furnaces. (Author) (Metallurgy, TT, v. 6, no. 6)

61-10546
63-11426
1. Plöger, U.

176566

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Rapid Analysis of Ores and Related Materials, by A. Neuberger, E. Schoffmann, K. Herkendorff.

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXXI, No 2, 1960, pp 91-96.

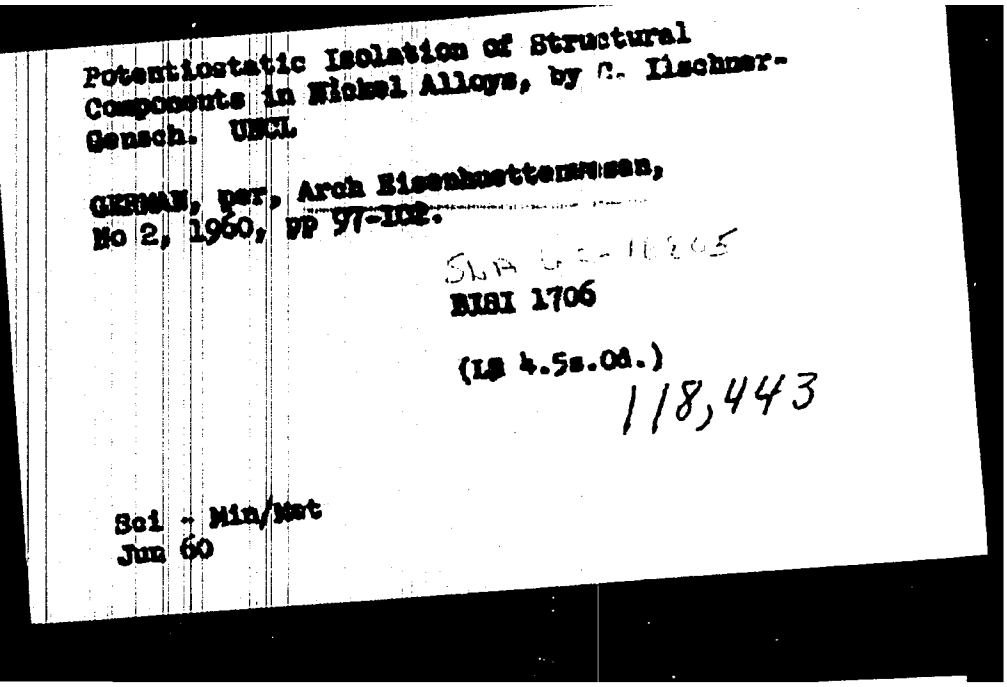
HB 4801

Sci - Min/Met

Oct 60

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8



Potentiostatic Isolation of Structural Components in Nickel Alloys, by C. Fischner-Gensch. UKCL.

GERMAN, per. Arch Eisenhuttenwesen, No 2, 1960, pp 97-102.

BISI 1706

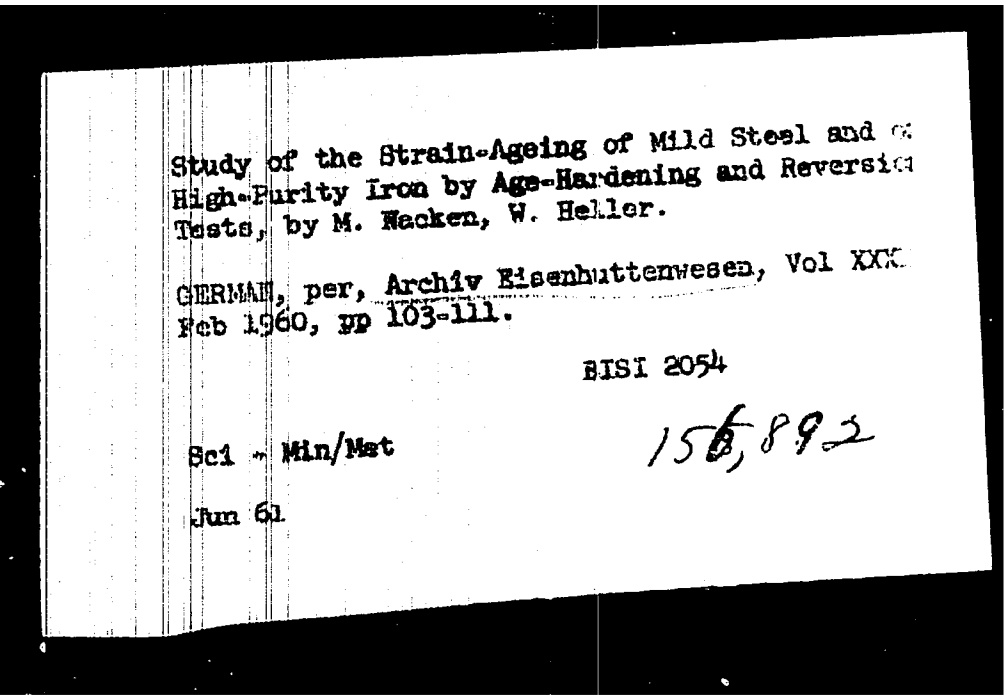
(L£ 4.5s.0d.)

118,443

Sci - Min/Met
Jun 60

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8



Study of the Strain-Ageing of Mild Steel and o
High-Purity Iron by Age-Hardening and Reversi
Tests, by M. Hacken, W. Heller.

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXX
Feb 1960, pp 103-111.

BISI 2054

Sci - Min/Met

Jun 61

156,892

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

The Effect of Heating Conditions and Alloy Composition on the Internal Oxidation of Iron Alloys, by H. Schenck, E. Schmidtmann, H. Muller.

GERMAN, per, Archiv fuer Eisenhuttenwesen, Vol XXXI, Feb 1960, pp 121-128.

BISI 2675

sci - min/metals

May 62

list 133

SLA 63-14836

196,168

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

The Influence of the Mode of Combination of an Element on Its Determination by Emissive Spectrographic Analysis, by P. Dickens, A. Behr.

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXXI, Mar 1960, pp 135-143.

BISI 1805

150/847

Sci - Chem

May 61

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

The Change in Coercivity During Ageing of Unalloyed Mild Steels, by M. Nacken, W. Heller.

GERMAN, per, Archiv Eisenhuttenwesen, Mar 1960, pp 153-160.

BISI 1990

Sci - Min/Met

Feb 61

139,584

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Investigations into the Recrystallization of a Ferritic 27% Cr Steel, by H. Borchers.

GERMAN, per, Arch, Eisenhuet, Vol XXXI, Mar [illegible], pp 177-182.

*BISI 1936

Sci -

Jun 61

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Electrochemical Measurements of the Passivity of a Steel With 18% CR and 8% Ni, by Alfred Rahmel, Wilhelm Schwenk.

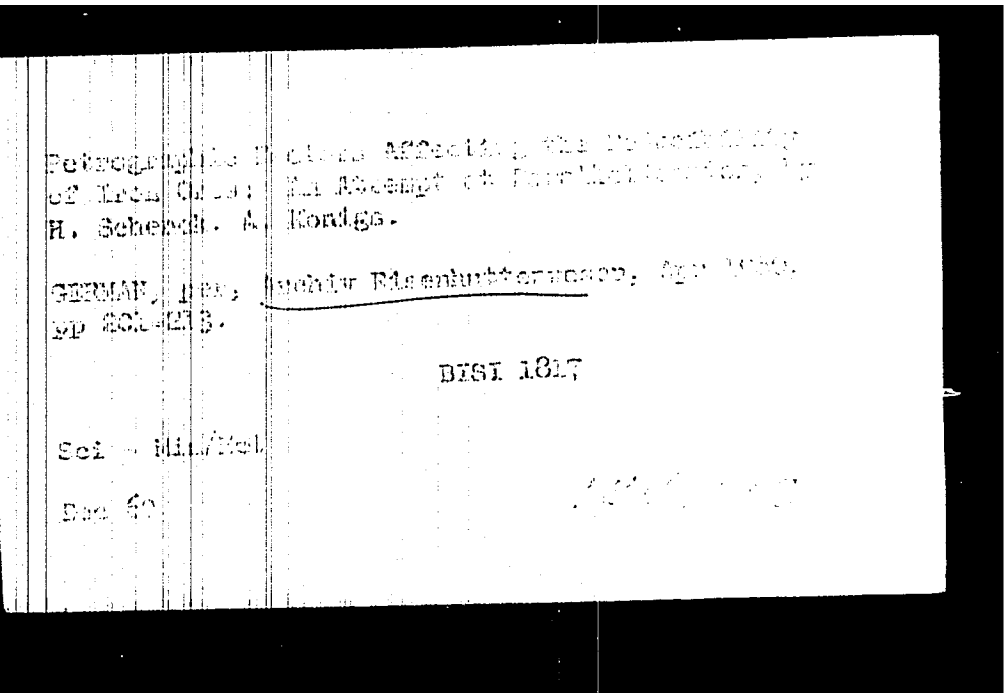
GERMAN, per, Archiv fuer das Eisenhuttenwesen, Vol XXXI, No 3, 1960, pp 189-193.

*FTD-TT-62-1783

Sci - Min/Met
Dec 1962

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8



DIST 1817

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Investigations on the Activity of Carbon in Crystallized Binary and Ternary Iron-Carbon Alloys, by H. Schenck, H. Kaiser.

GERMAN, per, Archiv Eisenhuttenwesen, Apr 1960, pp 227-235.

BISI 1779

Sci - Chem

Sep 60

124,963

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

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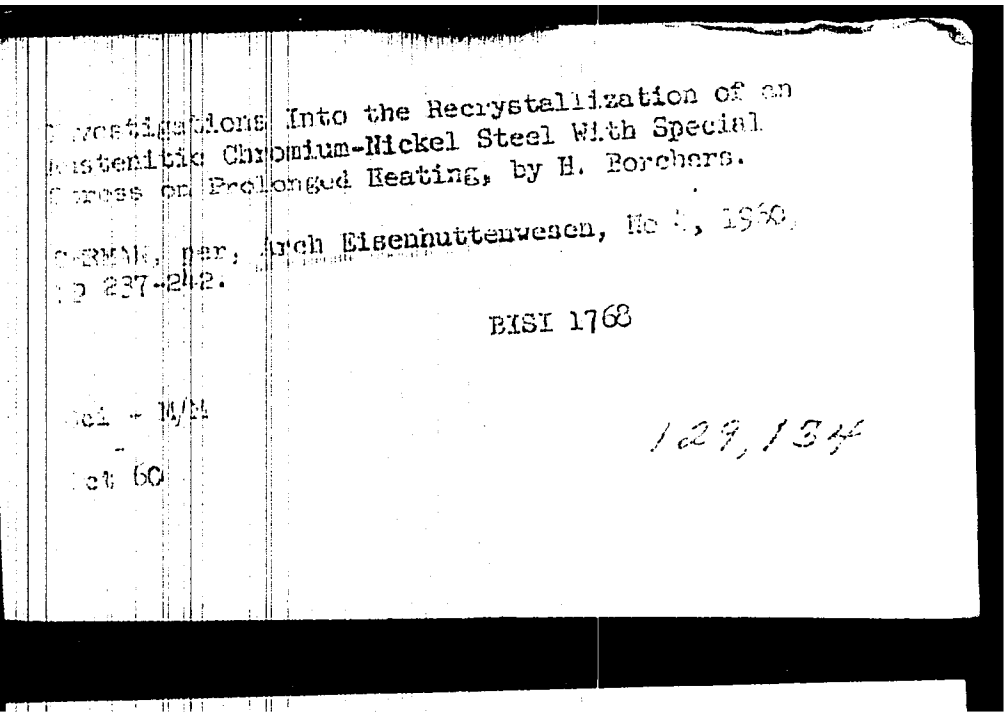


vestigations Into the Recrystallization of an
austenitic Chromium-Nickel Steel With Special
ress on Prolonged Heating, by H. Borchers.

RMAN, per; Arch Eisenhuttenwesen, No 5, 1960,
p 237-242.

BISI 1768

Sel - M/24

et 60

129,134

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Oxide Inclusions in Iron-Chromium-Oxygen Melts,
by H. Koch, et al.

GERMAN, per, Archiv Eisenhuttenwesen, May 1960,
pp 279-286.

BISI 1780

Sci - Chem

Sep 60

127,201

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Influence of Carbon Content and Experimental Temperature on the Work Hardening and Specific Electrical Resistance of Ferritic and Austenitic Steels During Cold Deformation, by E. Schmidtmann, et al.

GERMAN, per, Archiv fuer Eisenhuttenwesen, Vol XXXI, May 1960, pp 299-308.

BISI 2335

111, 398

Sci - Min/Metals

Oct 61

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Study of the Diffusion Between Iron-Zinc Coatings on Iron Base Materials, by H. Bablik.
GERMAN, per, Arch Eisenhuttenw, Vol 31, 1960, pp 331-336.
*NTIS/NBS TT 71-53103
Available NBS Only

June 71

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Theory of the Course of Pressure in Extended Industrial Furnaces, by M. Hansen.

GERMAN, per, Archiv Eisenhuttenwesen, Jun 1960, pp 337-342.

BIBI 1932

Sci - Engr

Dec 60

134,007

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Determination of Hydrogen in Steel by the Carrier-Gas Method, by K. Abresch, W. Dobner, H. Lemm.

GERMAN, per, Archiv fuer das Eisenhuttenwesen, Vol XXXI, No 6, 1960, pp 351-354.

HB 4187
AEC-tr-5281 9066990
145,054

Sci - Chem

Mar 61

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Effect of pH Value of Electrolyte Upon Quantity and Composition of Oxide Inclusions Extracted From Fully Killed Basic Bessemer Steels, by E. Piper, H. Hagedorn, M. Frohlich.

GERMAN, per, Archiv fuer das Eisenhuttenwesen, Vol XXXI, No 6, 1960, pp 355-358.

HB 4888

Sci - Chem

145, 050

Feb 61

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

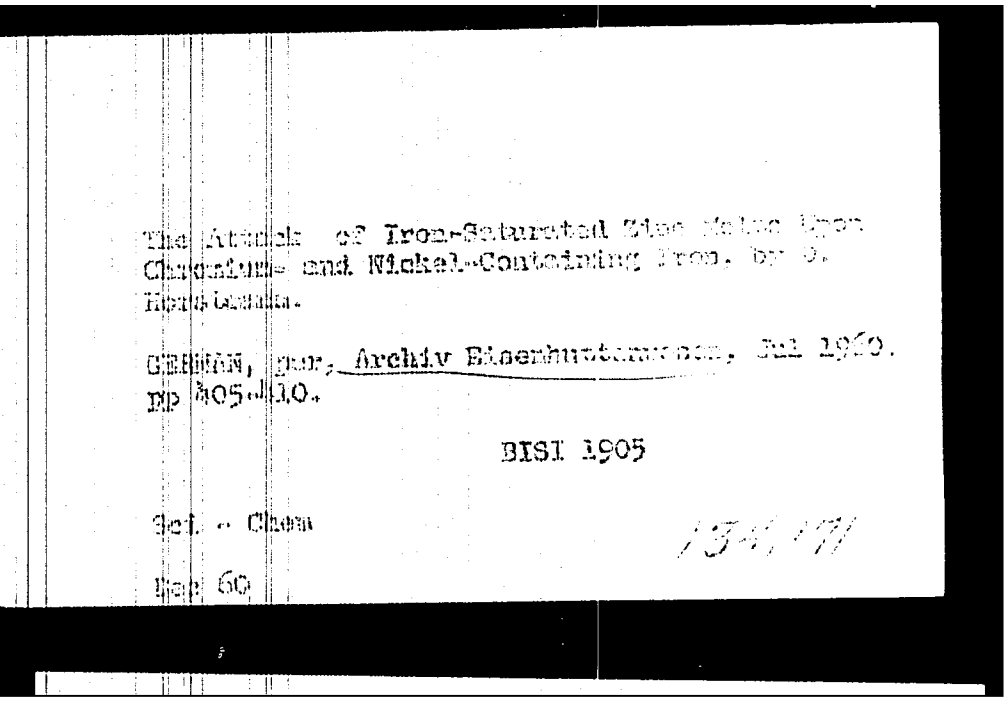
Electrolytic Etching of Multi-Phase Iron-Chromium-Nickel Alloys in Caustic Soda, by H. Ludering.
EUROPEAN, per, Archiv fur das Eisenhuttenwesen, Vol 31, June 1960, pp 385-391.
BISI Trans 2181

AD 62-1-3724

Jan 72

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8



The Attack of Iron-Saturated Blue Water Upon Chromium- and Nickel-Containing Iron. By O. Bauhaus.

GERMAN, ger; Archiv Eisenhuttenwesen, Jul 1929. Pp 405-410.

BISI 1905

Ref. - Chem

Rec 60

137177

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Influence of Carbon and Oxygen on the Behaviour of Some Accompanying Elements in Iron Melts Under High Vacuum, by W. A. Fischer, A. Hoffmann.

GERMAN, per, Archiv Eisenhuttenwesen, Jul 1960, pp 411-417.

BISI 1906

Sci - Chem

135,672

Jan 61

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8

Examination of Special Forms of Titanium- and Sulphur-Containing Inclusions in Pig Iron Melts With High Carbon Contents, by C. Frick
GERMAN, per, Arch. Eisenh., Vol 31, Jul 1960, pp 419-422
BISI 5571

Weur

341730

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900063-8